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(54) Title: CRYSTAL AND SOLVATE OF 2-AMINO-6-BENZYLOXYPURINE AND PRODUCTION METHODS THEREOF

(57) Abstract: The present invention can provide a solvate, a cubic crystal and a columnar crystal of 2-amino-6-benzyloxypurine by crystallization from (1) a solvent containing at least one kind of solvent selected from the group consisting of alcohol and water, (2) alcohol or (3) a water-containing solvent.

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WO 03/084957 A1

Fig.1

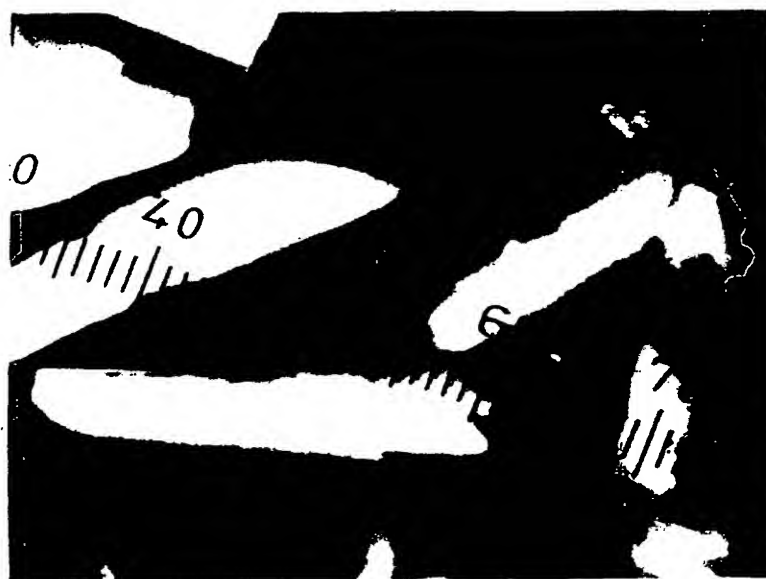


Fig. 2

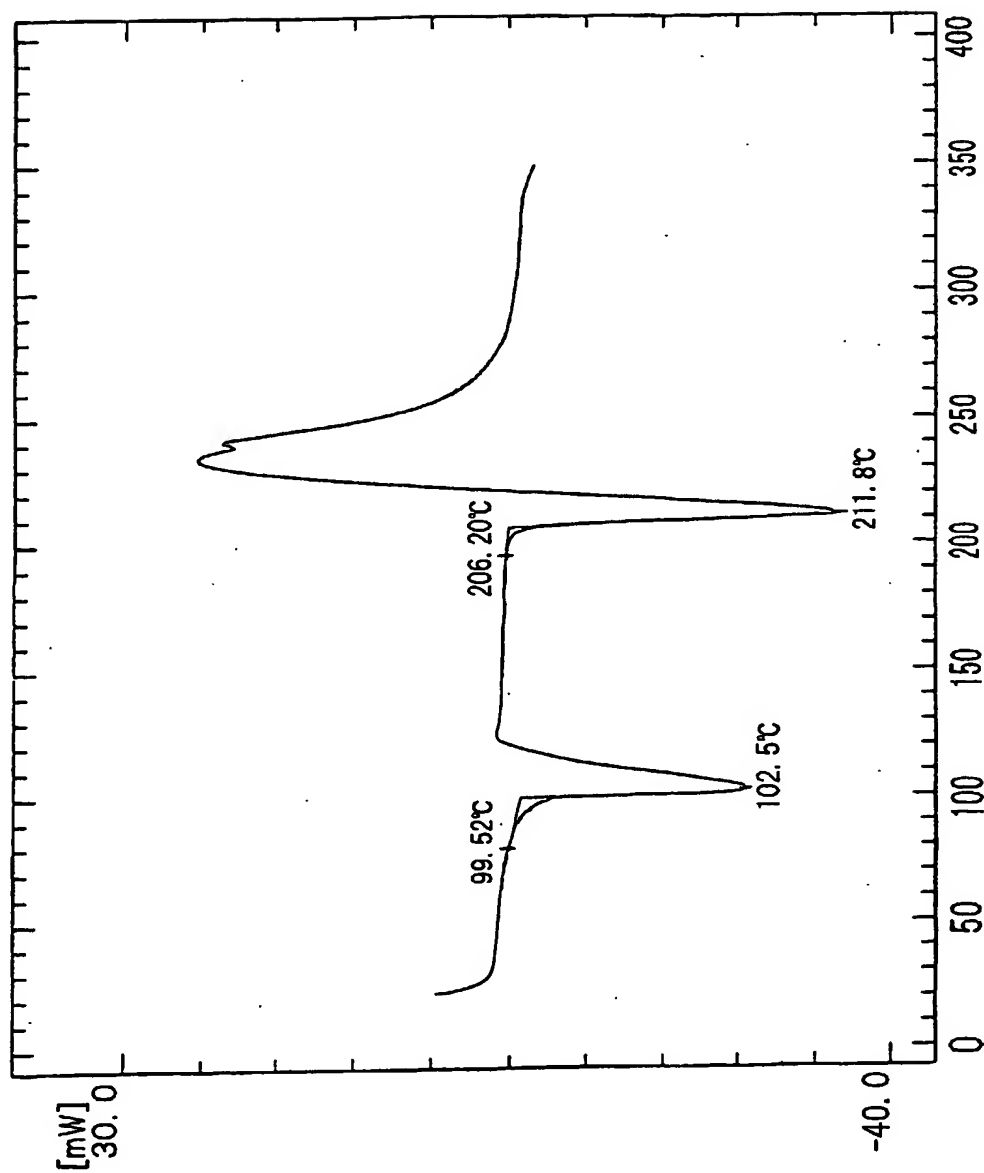


Fig. 3

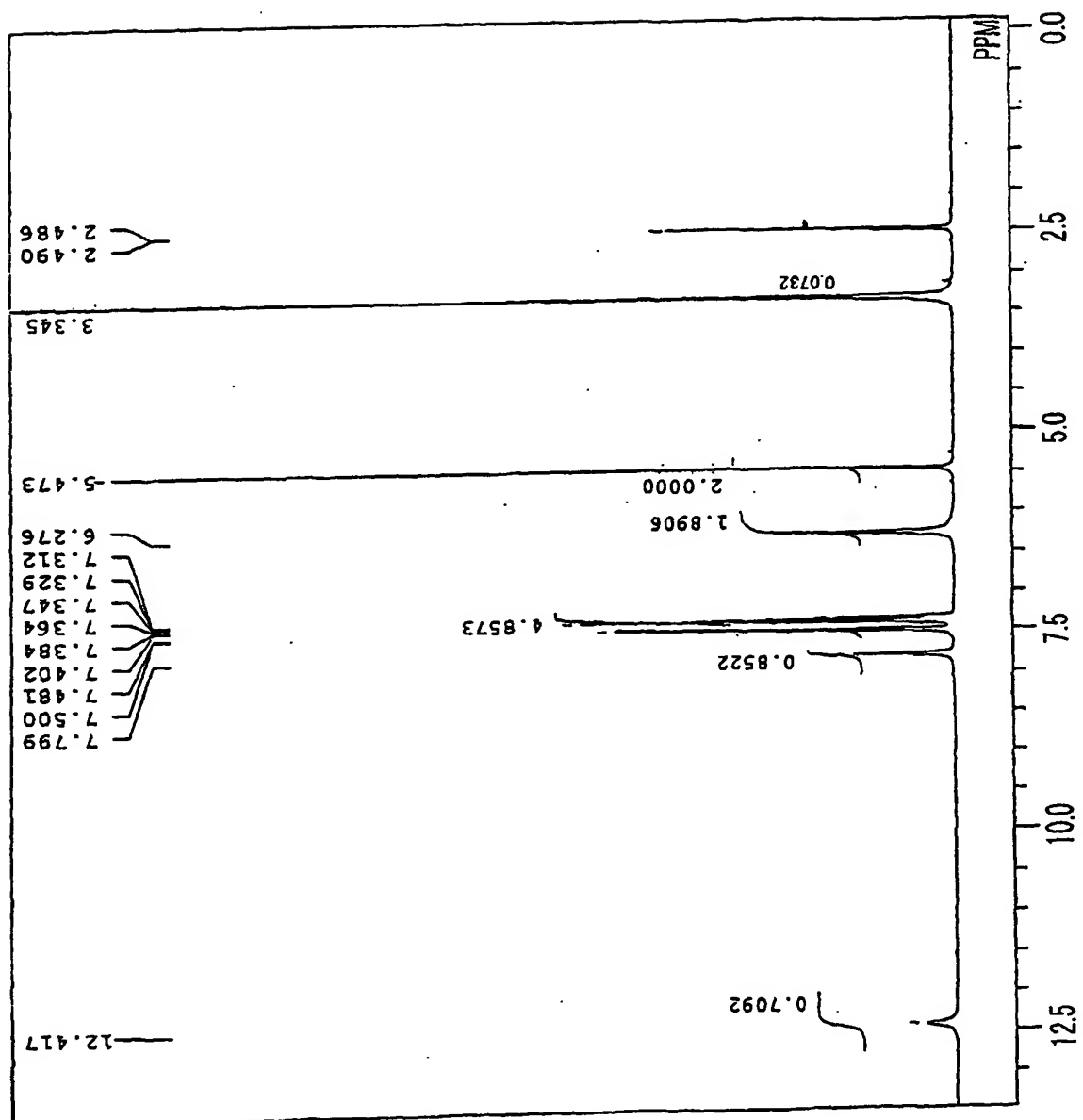


Fig. 4



Fig. 5

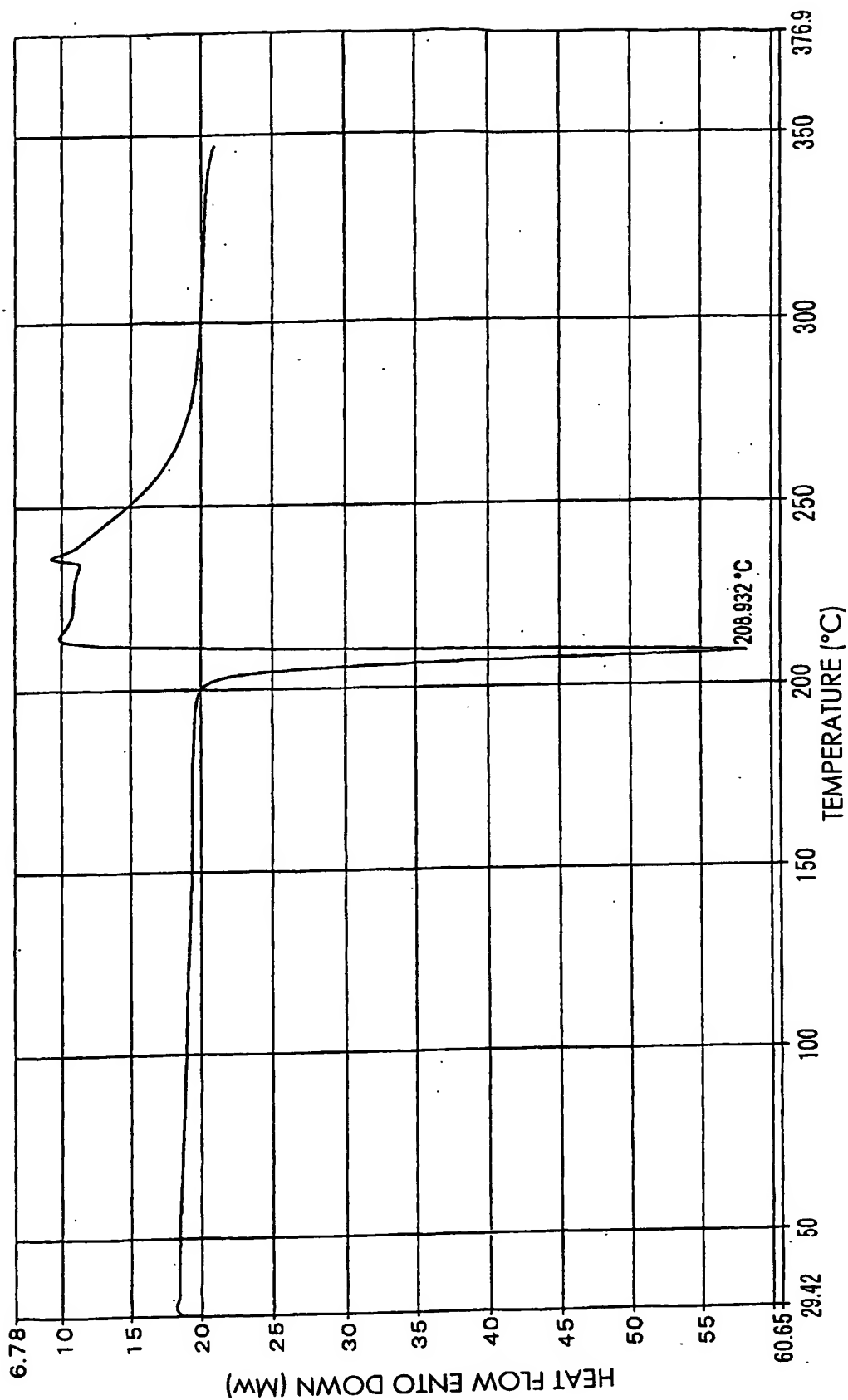


Fig. 6

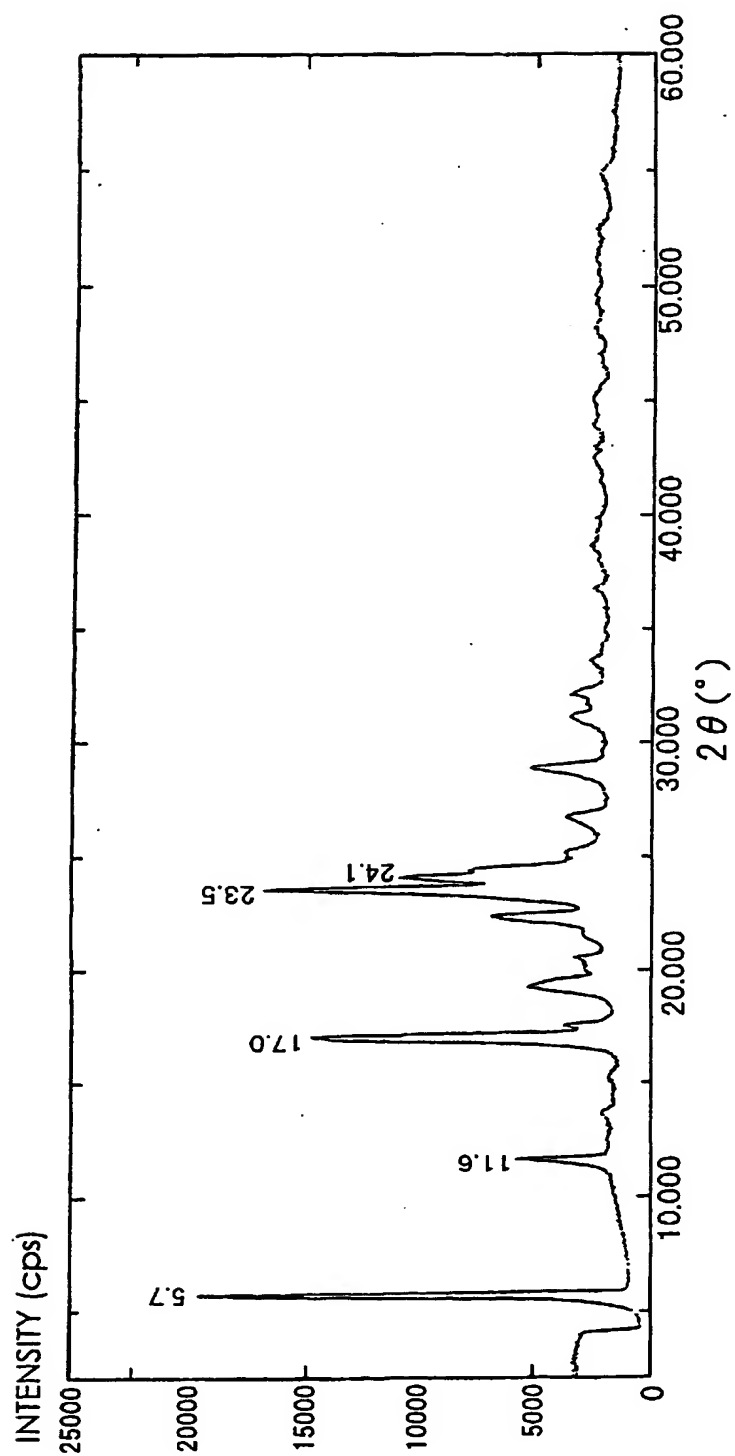


Fig. 7

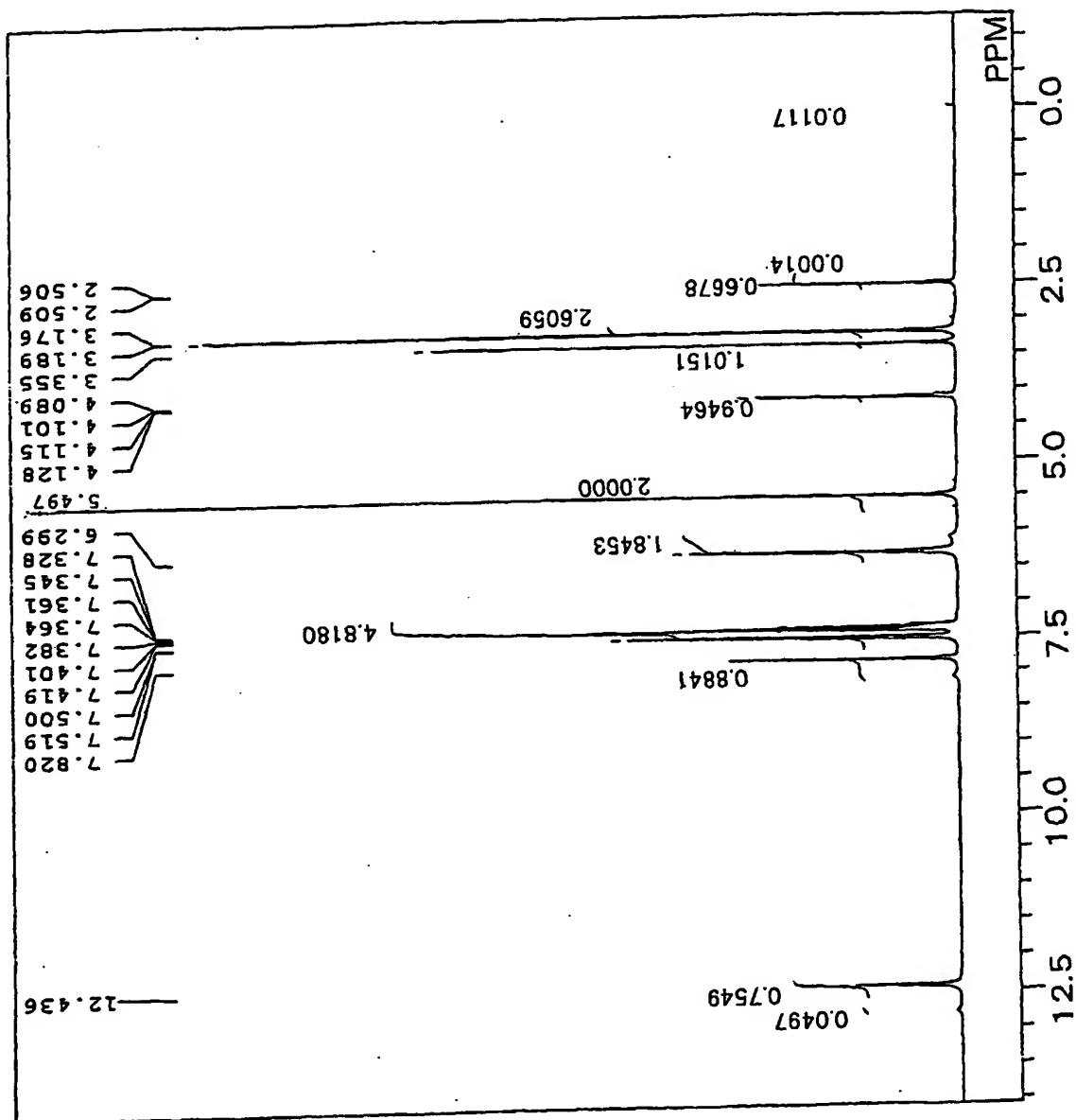


Fig. 8

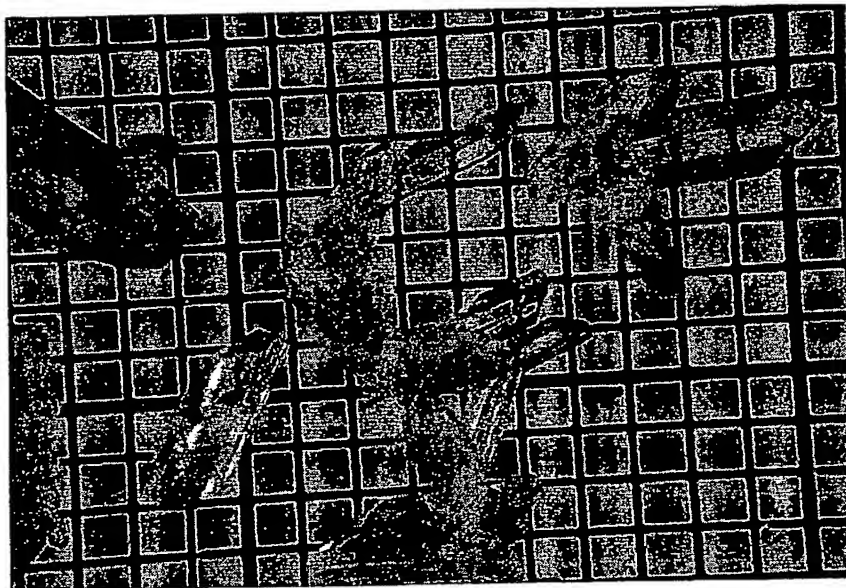


Fig. 9

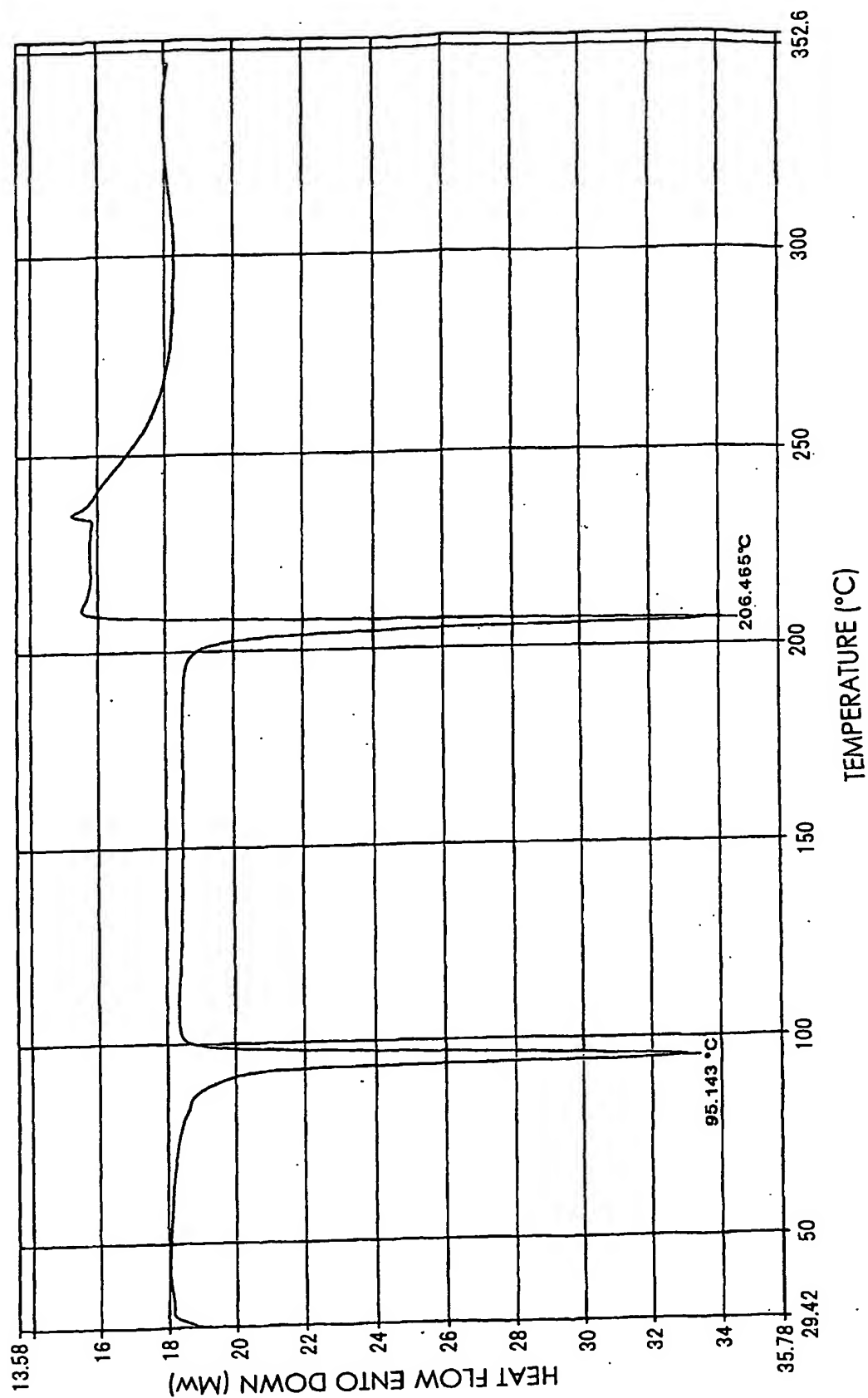


Fig.10

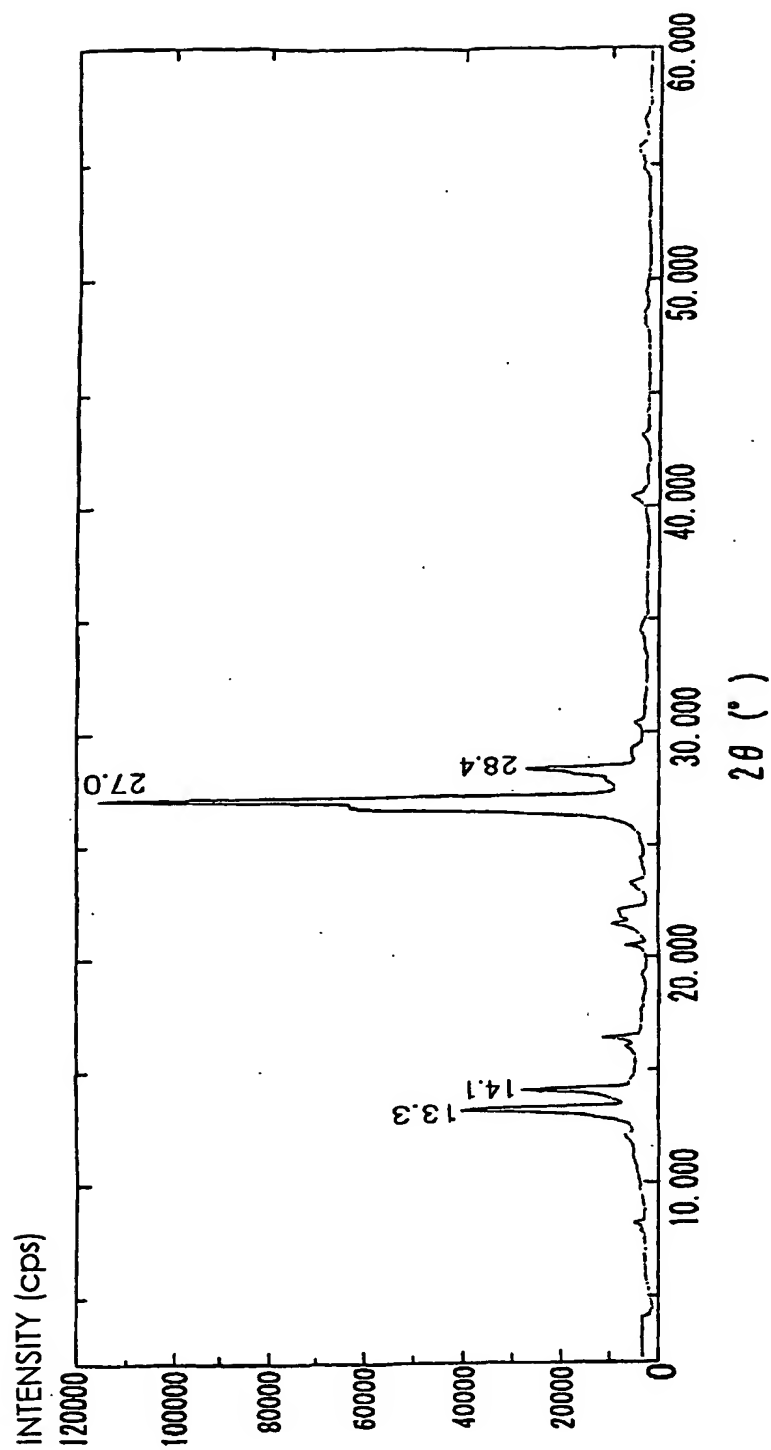


Fig.11

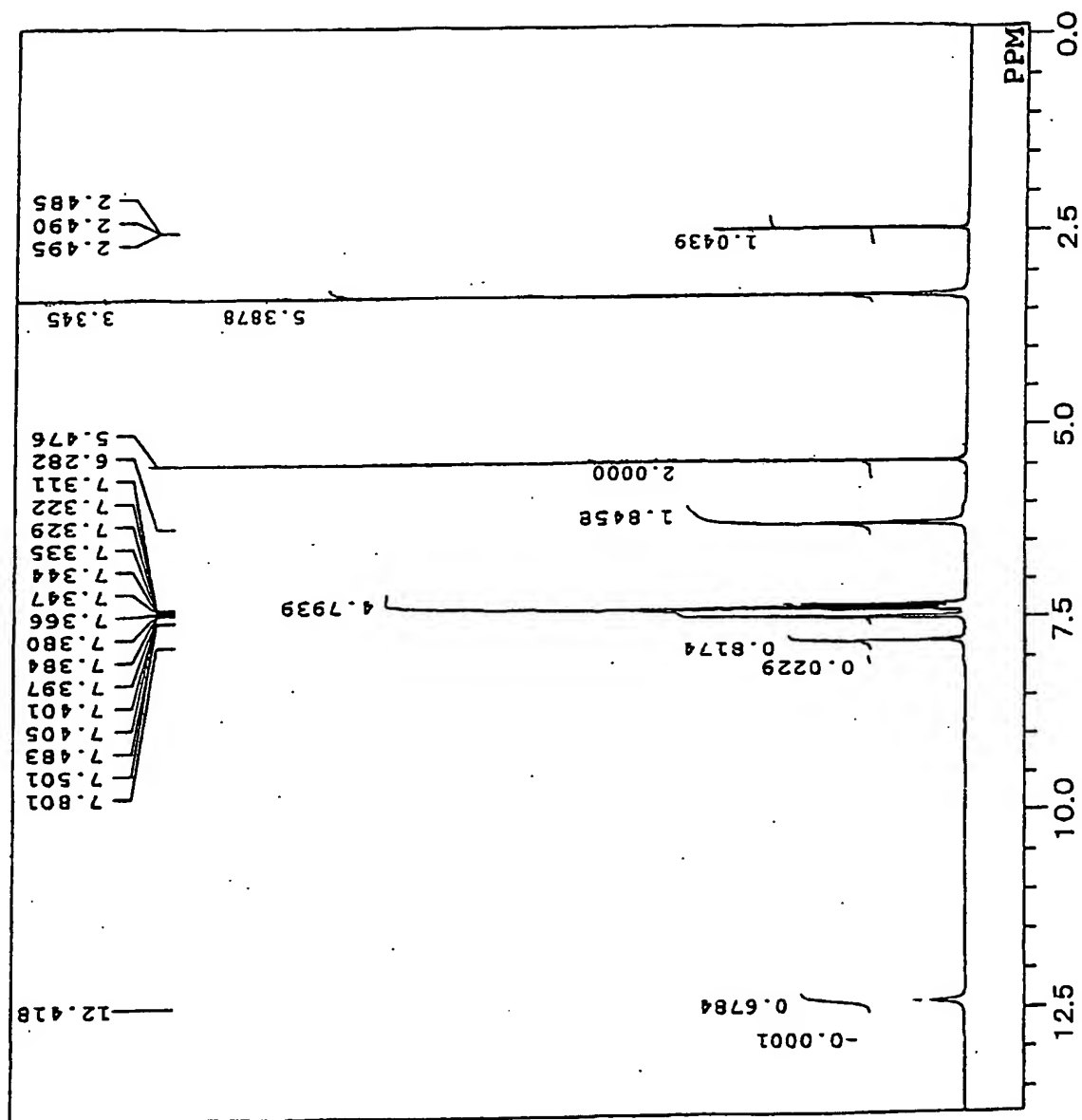


Fig.12

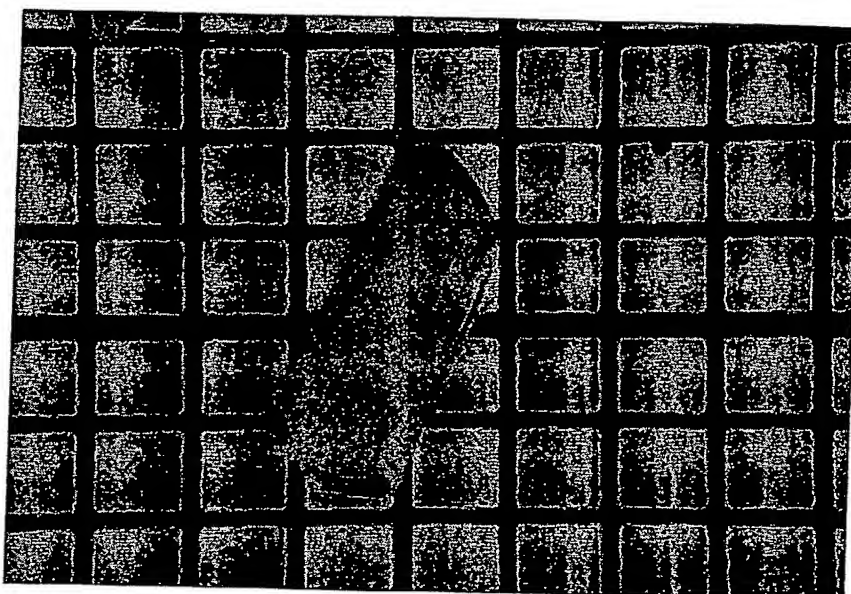


Fig. 13

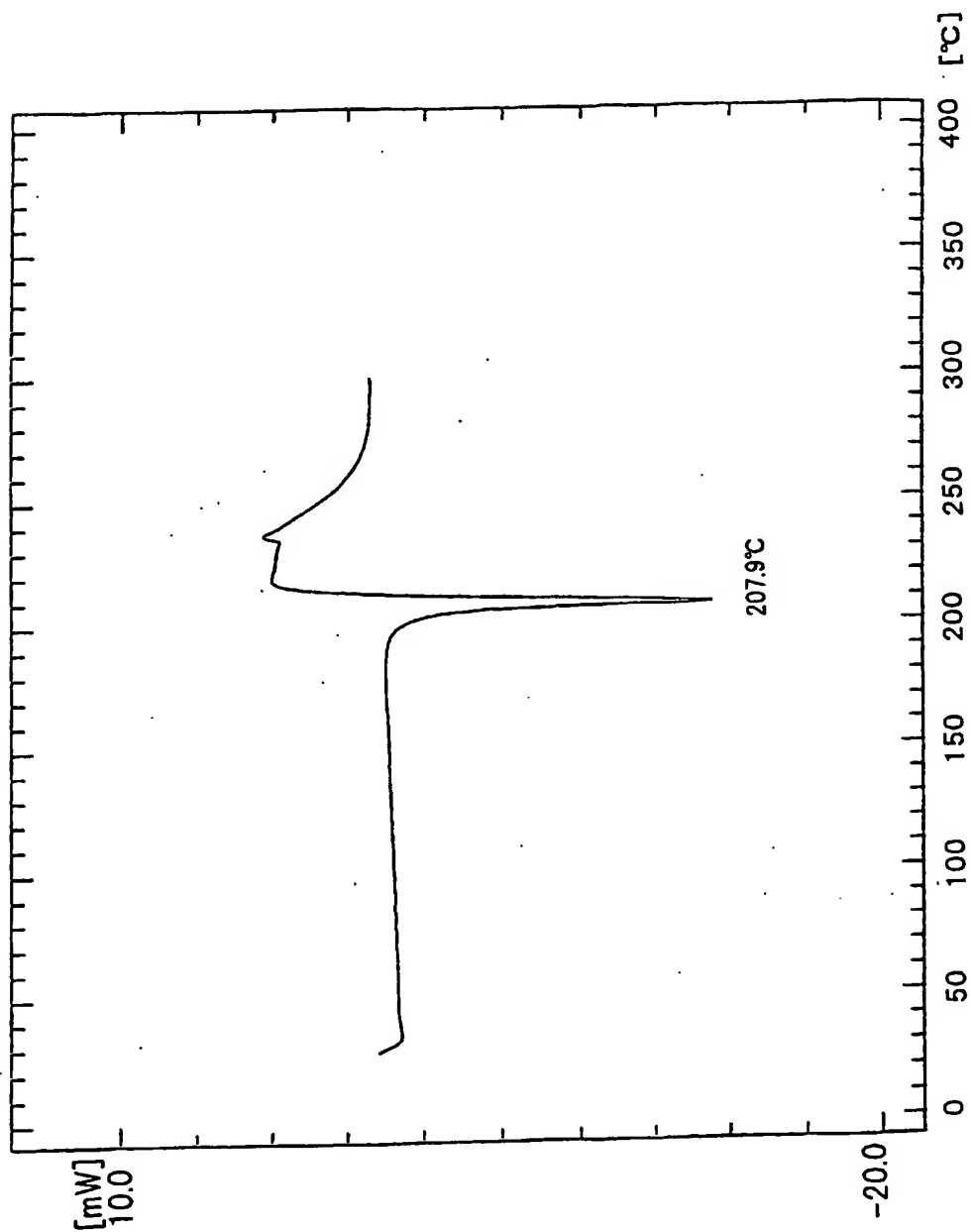


Fig.14

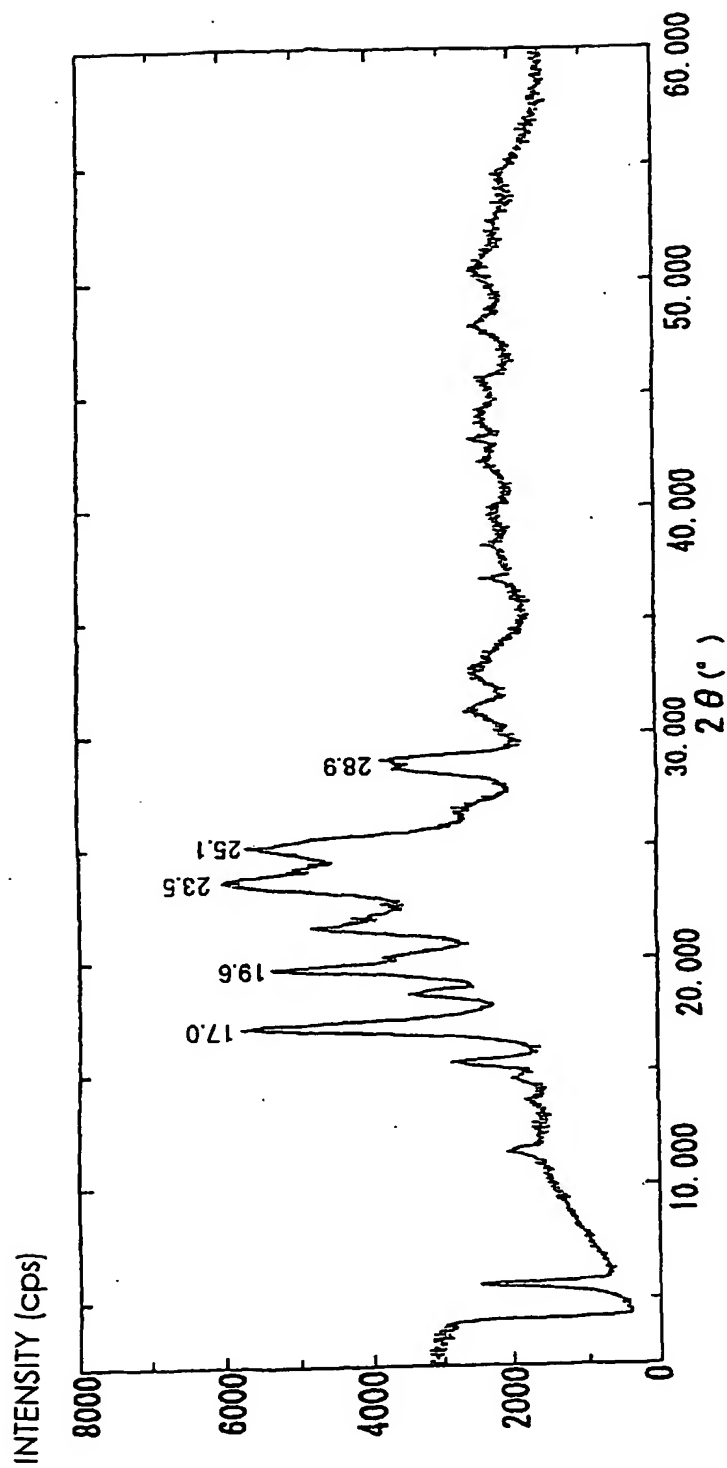


Fig.15

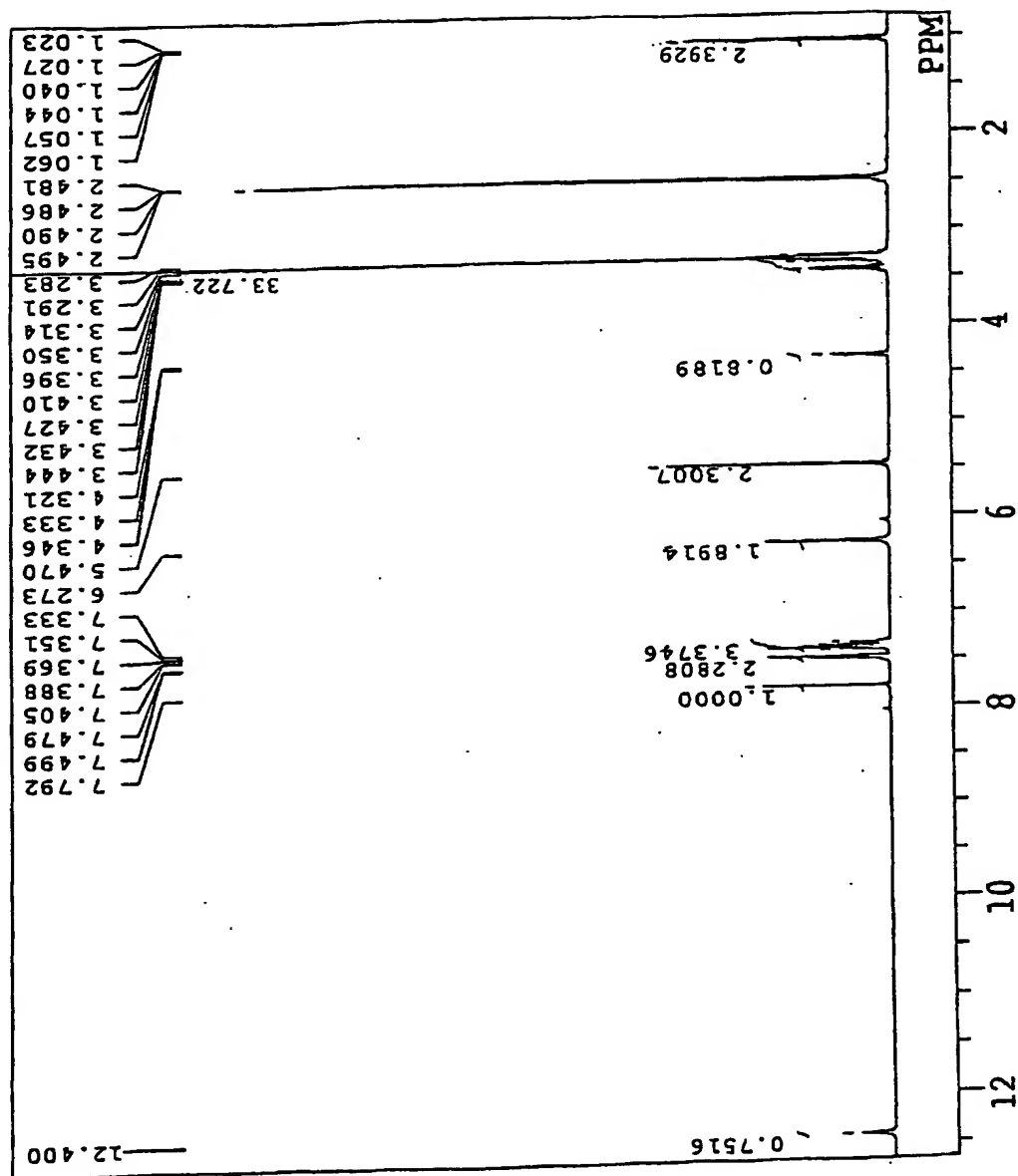


Fig.16

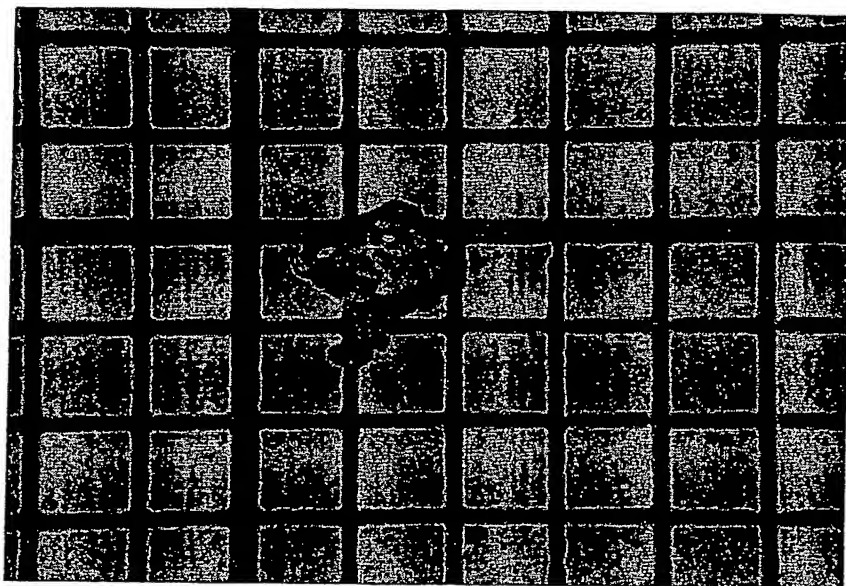


Fig. 17

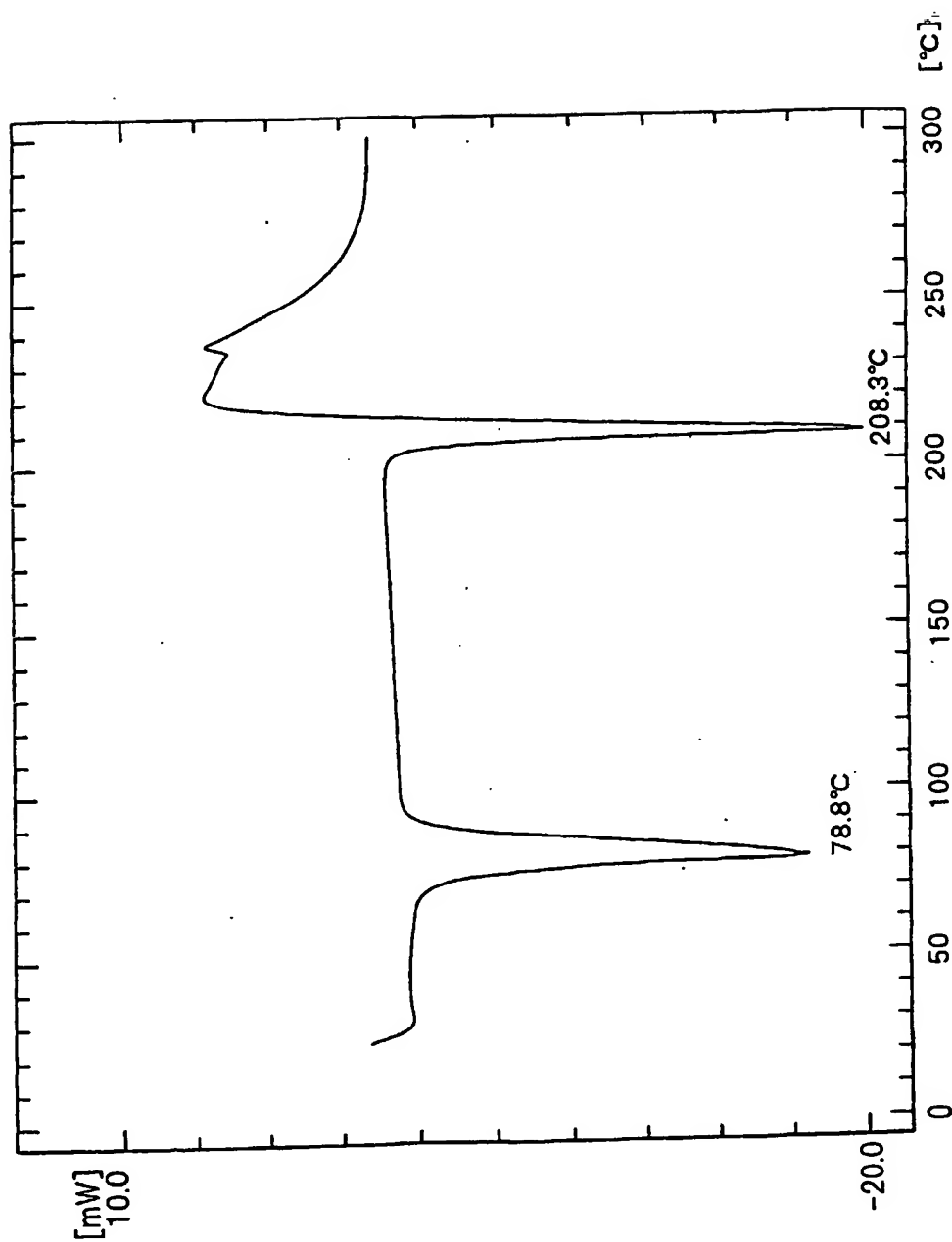
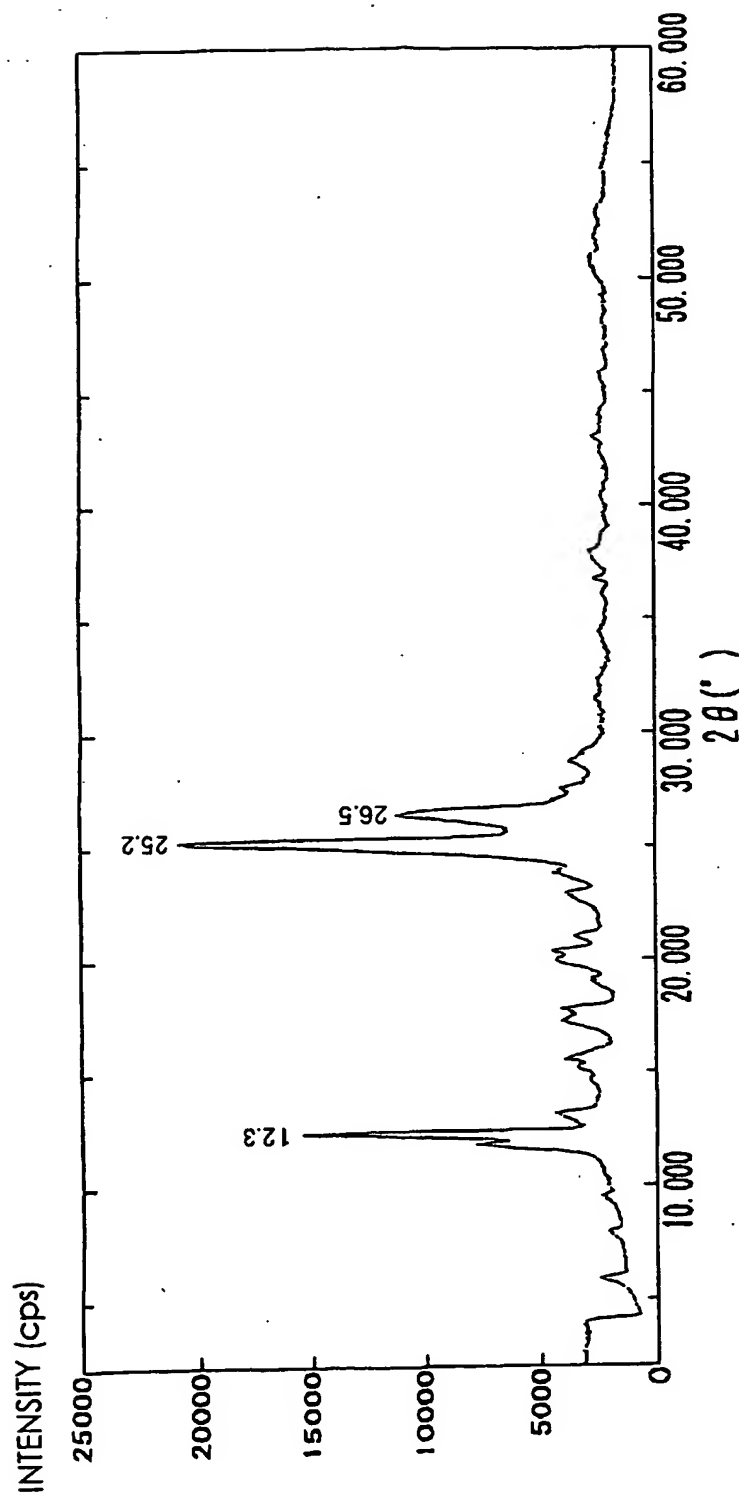


Fig. 18



INTERNATIONAL SEARCH REPORT

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IPC 7 C07D473/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MORRIS J. ROBINS AND ROLAND K. ROBINS: "Purine Nucleosides. XXIV. A New Method for the synthesis of guanine Nucleosides. the Preparation of 2'-Deoxy-alpha-and-beta-guanosines and the Corresponding N2-Methyl Derivatives" JOURNAL OF ORGANIC CHEMISTRY, vol. 34, 1969, pages 2160-2163, XP002245774 cited in the application page 2161, right-hand column -page 2162, left-hand column --- -/--	1-12

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WILLIAM A. BOWLES, F. HOWARD SCHNEIDER, LELAND R. LEWIS, AND ROLAND K. ROBINS : "Synthesis and Antitumor Activity of 9-(tetrahydro-2-furyl)purine Analogs of Biologically Important Deoxynucleosides " JOURNAL OF MEDICINAL CHEMISTRY, vol. 6, 1963, pages 471-480, XP002245775 Compound X on page 472, reaction scheme II and page 478, bottom of left-hand-column -----	1-12
X	WO 2000 008025 A (MEDIVIR AB, SWED.) 17 February 2000 (2000-02-17) page 42 -page 43; example 18 -----	2
X	PATENT ABSTRACTS OF JAPAN , 30 November 1998 (1998-11-30) & JP 10 218880 A (SUMIKA FINE CHEM KK), 18 August 1998 (1998-08-18) abstract -----	3

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JPO93/04258

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2000008025	A	NONE	
JP 10218880	A	18-08-1998	NONE

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